

# FREE CHLORINE SENSOR



## FEATURES & BENEFITS

- Amperometric sensor technology
- Real-time free chlorine measurement
- Built-in temperature compensation
- Range for wastewater to high purity applications
- Large electrolyte reservoir
- No reagents required

MUNICIPAL DRINKING WATER  
MUNICIPAL WASTEWATER  
COASTAL WATERS  
INDUSTRIAL WASTEWATER

WATER QUALITY  
MONITORING  
SOLUTIONS

## OVERVIEW

Real Tech's free chlorine sensor provides rapid real-time measurement of free chlorine in water or wastewater. The sensor uses amperometric measurement technology to monitor free chlorine continuously without any additional reagents. The integrated automatic temperature compensation provides onboard compensation for changes in temperature to derive output signal. Ideal for both water and wastewater treatment applications, the sensor is available in three measurement ranges.

## MODELS

PRODUCT #	FREE CHLORINE RANGE (PPM)
FC1002	0-2
FC1005	0-5
FC1010	0-10

Includes sensor, manifold and 10 ft communication cable. Controller and automatic cleaning system sold separately.



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## SPECIFICATIONS

CHARACTERISTIC	TECHNICAL DATA
Model #	FC1002 FC1005 FC1010
Measurement Principle	Amperometric measurement technology
Measurement Ranges	0-2 ppm 0-5 ppm or 0-10 ppm free chlorine
pH Range	5.5 - 8.5
Temperature Range	0 - 45°C
Temperature Compensation	Integrated Automatic Temperature Compensation (ATC)
Flow Range	Min 0.2 gpm (45 l/hr), Max 0.6 gpm (135 l/hr)
Maximum Pressure	14.7 PSI (1 bar)
Materials	PVC
Membrane Cap Material	PVC housing, Proprietary Membrane
Electrical/Communication	From controller
Storage Temperature	-10°C to 60°C (14 to 140°F)
Weight	1 lb
Warranty	2-year limited warranty

\* Technical Specifications are subject to change without notice.

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Measurement & Control

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